I CLAIM:

- 1. A vertical mixer comprising a mixing chamber containing a substantially vertical rotatable auger having a generally helical flight that is tapered to converge from bottom to top, a power means to rotate said auger about a longitudinal centre axis, said chamber having at least one opening to receive and discharge feed, said mixing chamber having a side wall with at least one window extending at least partially between a top and bottom of said side wall to allow visual access to an interior of said chamber from outside said mixer.
- 2. A vertical mixer as claimed in Claim 1 wherein said at least one window is located in a bottom portion of said side wall.
- 3. A vertical mixer as claimed in Claim 2 wherein said at least one window extends between a top and bottom of said side wall.
- 4. A vertical mixer as claimed in Claim 1 wherein said at least one window is a plurality of windows.
- 5. A vertical mixer as claimed in Claim 4 wherein said plurality of windows is three windows.
- 6. A vertical mixer as claimed in Claim 1 wherein said at least one window has a longitudinal shape.
- A vertical mixer as claimed in Claim 1 wherein said at least one window is three windows.
- 8. A vertical mixer as claimed in Claim 7 wherein said three windows extend linearly between said top and said bottom of said side wall.
- 9. A vertical mixer as claimed in any one of Claims 1, 2 or 3 wherein said at least on window is made from plexi-glass.
- 10. A vertical mixer as claimed in any one of Claims 1, 2 or 3 wherein there is at least two groups of said at least one window in said side wall, said groups being located laterally apart from one another.

11. A vertical mixer as claimed in any one of Claims 1, 2 or 3 wherein said mixing chamber has a floor and a side wall, said side wall having an opening therein that includes part of said floor, said opening being sized and located to be closed by a door, said door having a closed position and an open position, said door having a segment thereon that forms part of said floor when said door is in said closed position.